
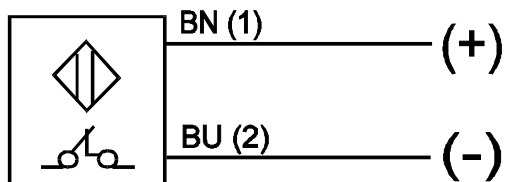


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

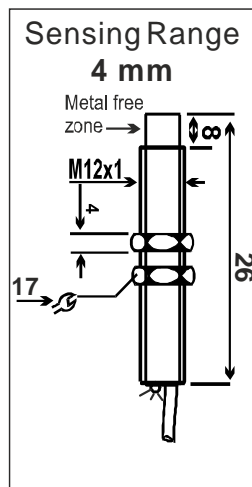
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

CONNECTION DIAGRAMS



PVC Cable
(For Metal Housing)
IP-67 Protection
(For PBTP Housing)
IP-68 Protection
Temp. -20° to 100°C
Nominal Amb.Temp. -20 ° to 55°C



Supply Voltage

8 VDC

Mounting

Non Flush

Current Consumption

(A) Active Face Free

≥ 3mA

(B) Active Face Covered

≤ 1m

Assured operat. dist. S a [mm]

0...3.24

Intrinsic Capacitance

36nF

Intrinsic Inductance

48μH

Switching Frequency

1500Hz

Switching Hysteresis

3%

Standard Target(Ferrous)

12 x 12 x 1

Cable (Cross Section)

0.34mm²

Ordering Chart

METAL HOUSING

NJ4-12-GM-N

ART. NO. : (SIN 010 M2)

SYNTHETIC HOUSING